

SAMPLE PLAN ALTERATION FORM
(QAPP Addendum – SPAF #2)

QAPP Title, Author (company), Revision, and Approval Date of standing 'parent' QAPP:

"Drinking Water Sampling at the Park Place Building;" EPA Region 10 Quality Staff; Final; May 2014
(Project Code: WTR-175A)

Project Name and assigned Regional Project Code:

Park Place Building EPA DW Sampling; Project Code: WTR-175B

Material to be Sampled:

Drinking Water

Measurement Parameters:

Metals (Copper and Lead)

Standard Procedure for Field Collection and Laboratory Analysis (cite references):

Field collection per EPA 812-B-94-002 and (v.1) and with guidance EPA 816-R-05-009
Analysis per EPA Methods 200.2 with analysis by 200.7 and 200.8, per MEL SOP numbers In_A2007B (v.8), and In_A2008A (v.8) or In_A7700A (v.2)

Reason for Change in Field Procedure or Analytical Variation:




Additional sample collection from all hot water dispensers (floors 7, 8, 9, 10, 11, 12, 13 & 18) and drinking water dispensers, drinking fountains and kitchen sinks (floors 1, 2, 5, 16, 17, 20 & 21). A list of the sample locations is attached. The levels of copper in previous samples are more suited to analysis by ICP (EPA Method 200.7). The EPA Region 10 Laboratory is TNI certified for both drinking water methods. An additional sampling event has been scheduled to take place on the morning of July 3, 2014. Samples will be maintained under custody (ambient temperature) at the R10 office and hand delivered to EPA R10 lab the week of July 6, 2014.

Variation from Field or Analytical Procedure (reference specific QAPP sections):

In QAPP Section 2.3 (Analytical Method Requirements), the second sentence shall read: "The selected analytical methods are EPA 200.8 and EPA 200.7, both of which are compliant with Safe Drinking Water Act requirements." This is also documented in SPAF #1, used to document changes in the first sampling Event.

Special Equipment, Materials, or Personnel Required:

500 ml Widemouth bottles (filled to 250 ml) and heat resistant gloves for sampling the hot water dispensers will be needed. All other locations will be sampled using 250mL HDPE bottles, similar to Event #1.

CONTACT, Title	APPROVAL SIGNATURE	DATE
Initiator: <u>Don Matheny</u>		7-1-2014
EPA PM: <u>Mark Filippini</u>		7/1/2014
EPA QA Manager/Designee: <u>Gina Grepo-Grove / Jennifer Crawford</u>		07/01/2014

Floor	Location Description	Remarks	Location (Scribe)	Sample #
Floor 1	Drinking Fountain South	1st Draw	1-DF-S	14264300
	Drinking Fountain South	2nd Draw	1-DF-S	14264301
	Kitchen Sink	1st Draw	1-SINK	14264302
	Kitchen Sink	2nd Draw	1-SINK	14264303
	Refrigerator Water	1st Draw	1-RF-H2O	14264304
	Refrigerator Water	2nd Draw	1-RF-H2O	14264305
Floor 2	Drinking Fountain Fitness Center South	1st Draw	2-DF-FC-S	14264306
	Drinking Fountain Fitness Center South	2nd Draw	2-DF-FC-S	14264307
Floor 5	Drinking Fountain North	1st Draw	5-DF-N	14264308
	Drinking Fountain North	2nd Draw	5-DF-N	14264309
	Kitchen Sink ATSDR	1st Draw	5-SINK	14264310
	Kitchen Sink ATSDR	2nd Draw	5-SINK	14264311
	Hot Water Dispenser ATSDR	1st Draw	5-HWD	14264312
	Hot Water Dispenser ATSDR	2nd Draw	5-HWD	14264313
Floor 7	Hot Water Dispenser	1st Draw	7-HWD	14264345
	Hot Water Dispenser	2nd Draw	7-HWD	14264346
Floor 8	Hot Water Dispenser	1st Draw	8-HWD	14264347
	Hot Water Dispenser	2nd Draw	8-HWD	14264348
Floor 9	Hot Water Dispenser	1st Draw	9-HWD	14264349
	Hot Water Dispenser	2nd Draw	9-HWD	14264350
Floor 10	Hot Water Dispenser	1st Draw	10-HWD	14264351
	Hot Water Dispenser	2nd Draw	10-HWD	14264352
Floor 11	Hot Water Dispenser	1st Draw	11-HWD	14264353
	Hot Water Dispenser	2nd Draw	11-HWD	14264354
Floor 12	Hot Water Dispenser	1st Draw	12-HWD	14264355
	Hot Water Dispenser	2nd Draw	12-HWD	14264356
Floor 13	Hot Water Dispenser	1st Draw	13-HWD	14264357
	Hot Water Dispenser	2nd Draw	13-HWD	14264358
Floor 16	Drinking Fountain North	1st Draw	16-DF-N	14264314
	Drinking Fountain North	2nd Draw	16-DF-N	14264315
	Employee Kitchen Sink - East	1st Draw	16-SINK-E	14264316
	Employee Kitchen Sink - East	2nd Draw	16-SINK-E	14264317
	GnG Soda Machine Ice		16-SM-ICE	14264318
	Maternal Wellness Center Sink	1st Draw	16-MWC	14264319
	Maternal Wellness Center Sink	2nd Draw	16-MWC	14264320
Floor 17	Drinking Fountain South	1st Draw	17-DF-S	14264322
	Drinking Fountain South	2nd Draw	17-DF-S	14264323
	Refrigerator Ice		17-RF-ICE	14264324
	Kitchen Sink	1st Draw	17-SINK	14264325
	Kitchen Sink	2nd Draw	17-SINK	14264326
	Kitchen Sink CID	1st Draw	17-SINK-CID-N	14264362
	Kitchen Sink CID	2nd Draw	17-SINK-CID-N	14264363
Floor 18	Hot Water Dispenser	1st Draw	18-HWD	14264359
	Hot Water Dispenser	2nd Draw	18-HWD	14264360
Floor 20	Drinking Fountain North	1st Draw	20-DF-N	14264327
	Drinking Fountain North	2nd Draw	20-DF-N	14264328
	Drinking Fountain South	1st Draw	20-DF-S	14264329
	Drinking Fountain South	2nd Draw	20-DF-S	14264330
	Kitchen Sink	1st Draw	20-SINK	14264331
	Kitchen Sink	2nd Draw	20-SINK	14264332
	Refrigerator Water	1st Draw	20-RF-H2O	14264333
	Refrigerator Water	2nd Draw	20-RF-H2O	14264334
Floor 21	Drinking Fountain North	1st Draw	21-DF-N	14264335
	Drinking Fountain North	2nd Draw	21-DF-N	14264336
	Drinking Fountain South	1st Draw	21-DF-S	14264337
	Drinking Fountain South	2nd Draw	21-DF-S	14264338
	Kitchen Sink	1st Draw	21-SINK	14264339
	Kitchen Sink	2nd Draw	21-SINK	14264340
	Refrigerator SouthWest Water	1st Draw	21-RF-H2O-SW	14264341
	Refrigerator SouthWest Water	2nd Draw	21-RF-H2O-SW	14264342
	Refrigerator SouthEast Water	1st Draw	21-RF-H2O-SE	14264343
	Refrigerator SouthEast Water	2nd Draw	21-RF-H2O-SE	14264344
N/A	Bottle / Pres. Blank 500mL Nalgene	Bottle / Pres. Blank 500mL	BOTTLE-BL-500	14264361
N/A	Bottle / Pres. Blank 250mL HDPE	Bottle / Pres. Blank 250mL	BOTTLE-BL-250	14264321